

## Author Index

- Agatonovic-Kustrin, S., see Turner, J.V. 89
- Akama, Y.  
—, Yamada, K. and Itoh, O.  
Solid phase extraction of lead by Chelest Fiber Iry (amino-polycarboxylic acid-type cellulose) 19
- Amine, A., see Ricci, F. 111
- Andersen, W.C.  
— and Bruno, T.J.  
Application of a gas–liquid entraining rotor to supercritical fluid extraction. Removal of iron(III) from water 1
- Angelotti, M., see Cataldi, T.R.I. 43
- Apak, R., see Doğutan, M. 205
- Bakircioglu, Y.  
—, Segade, S.R., Yourd, E.R. and Tyson, J.F.  
Evaluation of Pb-Spec<sup>®</sup> for flow-injection solid-phase extraction preconcentration for the determination of trace lead in water and wine by flame atomic absorption spectrometry 9
- Bettencourt da Silva, R.J.N.  
—, Santos, J.R. and Camões, M.F.G.F.C.  
Evaluation of the analytical method performance for incurred samples 241
- Bian, Z., see Gemperline, P.J. 73
- Bianco, G., see Cataldi, T.R.I. 43
- Boyce, M.C.  
—, Haddad, P.R. and Sostaric, T.  
Determination of flavour components in natural vanilla extracts and synthetic flavourings by mixed micellar electrokinetic capillary chromatography 179
- Bruno, T.J., see Andersen, W.C. 1
- Callao, M.P., see Pasamontes, A. 195
- Camões, M.F.G.F.C., see Bettencourt da Silva, R.J.N. 241
- Cardwell, T.J., see Satienperakul, S. 37
- Cataldi, T.R.I.  
—, Angelotti, M. and Bianco, G.  
Determination of mono- and disaccharides in milk and milk products by high-performance anion-exchange chromatography with pulsed amperometric detection 43
- Cattrall, R.W., see Satienperakul, S. 37
- Chai, Z., see Gao, Y. 131
- Chen, C., see Gao, Y. 131
- Chimuka, L., see Soko, L. 25
- Choi, M.M.F., see Lo, C.K. 253
- Ciucu, A.A., see Ricci, F. 111
- Colque-Navarro, P., see Gabrielson, J. 121
- Cukrowska, E., see Soko, L. 25
- Dasgupta, P.K., see Larsson, H. 155
- Demirel, N.  
—, Merdivan, M., Pirinccioglu, N. and Hamamci, C.  
Thorium(IV) and uranium(VI) sorption studies on octacarboxymethyl-C-methylcalix[4]resorcinarene impregnated on a polymeric support 213
- Deng, W., see Yang, W.-P. 169
- Doğutan, M.  
—, Filik, H. and Apak, R.  
Preconcentration of manganese(II) from natural and sea water on a palmitoyl quinolin-8-ol functionalized XAD copolymer resin and spectrophotometric determination with the formaldoxime reagent 205
- Durán, N., see Freire, R.S. 263
- Dybko, A.  
—, Zachara, J., Golimowski, J. and Wróblewski, W.  
Miniaturized back-side contact transducer for potentiometric sensors 103
- Fenoll, J., see Pérez-Ruiz, T. 63
- Ferreira, M.M.C., see Freire, R.S. 263
- Filik, H., see Doğutan, M. 205
- Fletcher, P.J.  
— and van Staden, J.F.  
Determination of carbonate and hydrogencarbonate by titration using sequential injection analysis 187
- Freire, R.S.  
—, Ferreira, M.M.C., Durán, N. and Kubota, L.T.  
Dual amperometric biosensor device for analysis of binary mixtures of phenols by multivariate calibration using partial least squares 263
- Gabrielson, J.  
—, Kühn, I., Colque-Navarro, P., Hart, M., Iversen, A., McKenzie, D. and Möllby, R.  
Microplate-based microbial assay for risk assessment and (eco)-toxic fingerprinting of chemicals 121
- Gao, Y.  
—, Chen, C., Zhang, P., Chai, Z., He, W. and Huang, Y.  
Detection of metalloproteins in human liver cytosol by synchrotron radiation X-ray fluorescence after sodium dodecyl sulphate polyacrylamide gel electrophoresis 131

- Gemperline, P.J.  
—, Yang, Y. and Bian, Z.  
Characterization of subcritical water oxidation with in situ monitoring and self-modeling curve resolution 73
- Gervasio, A.P.G., see Packer, A.P. 145
- Giné, M.F., see Packer, A.P. 145
- Glass, B.D., see Turner, J.V. 89
- Golimowski, J., see Dybko, A. 103
- Gurnani, V.  
—, Singh, A.K. and Venkataramani, B.  
Cellulose functionalized with 8-hydroxyquinoline: new method of synthesis and applications as a solid phase extractant in the determination of metal ions by flame atomic absorption spectrometry 221
- Haddad, P.R., see Boyce, M.C. 179
- Hamamci, C., see Demirel, N. 213
- Hart, M., see Gabrielson, J. 121
- He, W., see Gao, Y. 131
- Huang, Y., see Gao, Y. 131
- Itoh, O., see Akama, Y. 19
- Iversen, A., see Gabrielson, J. 121
- Jones, A.  
— and Yang, Y.  
Separation of nonpolar analytes using methanol–water mixtures at elevated temperatures 51
- Kolev, S.D., see Satienerakul, S. 37
- Kubota, L.T., see Freire, R.S. 263
- Kühn, I., see Gabrielson, J. 121
- Larsson, H.  
— and Dasgupta, P.K.  
Liquid core waveguide-based optical spectrometry for field estimation of dissolved BTEX compounds in groundwater. A feasibility study 155
- Lo, C.K.  
— and Choi, M.M.F.  
Symmetrical electrochemical cell for determination of coextraction constants of metal salts for ion-selective polymeric membranes 253
- Lucarelli, F., see Ricci, F. 111
- Luo, J.-X.  
— and Yang, X.-C.  
Flow injection chemiluminescent immunoassay with *para*-phenylphenol and sodium tetraphenylborate as synergistic enhancers 57
- Luque de Castro, M.D., see Satienerakul, S. 37
- Ma, X.-G.  
— and Zhang, Z.-X.  
Application of wavelet transform to background correction in inductively coupled plasma atomic emission spectrometry 233
- Martínez-Lozano, C., see Pérez-Ruiz, T. 63
- McKelvie, I.D., see Satienerakul, S. 37
- McKenzie, D., see Gabrielson, J. 121
- Menegário, A.A., see Packer, A.P. 145
- Merdivan, M., see Demirel, N. 213
- Miranda, C.E.S., see Packer, A.P. 145
- Möllby, R., see Gabrielson, J. 121
- Moscone, D., see Ricci, F. 111
- Packer, A.P.  
—, Gervasio, A.P.G., Miranda, C.E.S., Reis, B.F., Menegário, A.A. and Giné, M.F.  
On-line electrolytic dissolution for lead determination in high-purity copper by isotope dilution inductively coupled plasma mass spectrometry 145
- Palleschi, G., see Ricci, F. 111
- Pasamontes, A.  
— and Callao, M.P.  
Determination of amoxicillin in pharmaceuticals using sequential injection analysis (SIA). Evaluation of the presence of interferents using multivariate curve resolution 195
- Pérez-Ruiz, T.  
—, Martínez-Lozano, C., Tomás, V. and Fenoll, J.  
Chemiluminescence determination of citrate and pyruvate and their mixtures by the stopped-flow mixing technique 63
- Pirincioğlu, N., see Demirel, N. 213
- Pole, S., see Soko, L. 25
- Reis, B.F., see Packer, A.P. 145
- Ricci, F.  
—, Amine, A., Tuta, C.S., Ciucu, A.A., Lucarelli, F., Palleschi, G. and Moscone, D.  
Prussian Blue and enzyme bulk-modified screen-printed electrodes for hydrogen peroxide and glucose determination with improved storage and operational stability 111
- Santos, J.R., see Bettencourt da Silva, R.J.N. 241
- Satienerakul, S.  
—, Sheikheldin, S.Y., Cardwell, T.J., Cattrall, R.W., Luque de Castro, M.D., McKelvie, I.D. and Kolev, S.D.  
Pervaporation-flow injection analysis of phenol after on-line derivatisation to phenyl acetate 37
- Segade, S.R., see Bakircioglu, Y. 9
- Sheikheldin, S.Y., see Satienerakul, S. 37
- Singh, A.K., see Gurnani, V. 221
- Soko, L.  
—, Chimuka, L., Cukrowska, E. and Pole, S.  
Extraction and preconcentration of manganese(II) from biological fluids (water, milk and blood serum) using supported liquid membrane and membrane probe methods 25
- Sostaric, T., see Boyce, M.C. 179
- Thongngamdee, S., see Wang, J. 139
- Tomás, V., see Pérez-Ruiz, T. 63
- Turner, J.V.  
—, Glass, B.D. and Agatonovic-Kustrin, S.  
Prediction of drug bioavailability based on molecular structure 89

- Tuta, C.S., see Ricci, F. 111  
 Tyson, J.F., see Bakircioglu, Y. 9
- van Staden, J.F., see Fletcher, P.J. 187  
 Venkataramani, B., see Gurnani, V. 221
- Wang, J.  
 — and Thongngamdee, S.  
 On-line electrochemical monitoring of (TNT) 2,4,6-trinitrotoluene in natural waters 139  
 Wróblewski, W., see Dybko, A. 103
- Yamada, K., see Akama, Y. 19
- Yang, W.-P.  
 —, Zhang, Z.-J. and Deng, W.  
 Simultaneous, sensitive and selective on-line chemiluminescence determination of Cr(III) and Cr(VI) by capillary electrophoresis 169  
 Yang, X.-C., see Luo, J.-X. 57  
 Yang, Y., see Gemperline, P.J. 73  
 Yang, Y., see Jones, A. 51  
 Yourd, E.R., see Bakircioglu, Y. 9
- Zachara, J., see Dybko, A. 103  
 Zhang, P., see Gao, Y. 131  
 Zhang, Z.-J., see Yang, W.-P. 169  
 Zhang, Z.-X., see Ma, X.-G. 233



**VOL. 485**

**ISS. 1**

**MAY 26**

**2003**